



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Monday, April 29, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Isolated severe storms and flash flooding for portions of **OK, TX, NM.**

Tuesday through Friday

- Tuesday/Wednesday: Severe storms/flash flooding for portions of **OK, TX, AR.**
- Thursday/Friday: Isolated flash flooding and severe storms for portions of **OK, TX, AR, LA.**

Major River Flooding or Known Evacuations

- Major flooding continues on the **MS River at Baton Rouge, LA**; impacts are primarily to navigation on the river.

FEMA Region 6 Threat Matrix

Apr 29, 2019 – May 3, 2019



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	TX	OK	OK, TX, AR	OK, TX, AR, LA	OK, TX, AR, LA
	OK, NM	TX, AR			
Heavy Rain / Flash Flooding	OK	OK, TX, AR	OK, TX, AR	OK, TX, AR, LA	OK, TX, AR, LA
Winter Weather					
Fire Weather	NM	NM, TX			
River Flooding	LA/AR	LA/AR	LA/AR	LA/AR	LA/AR
	TX	TX	TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

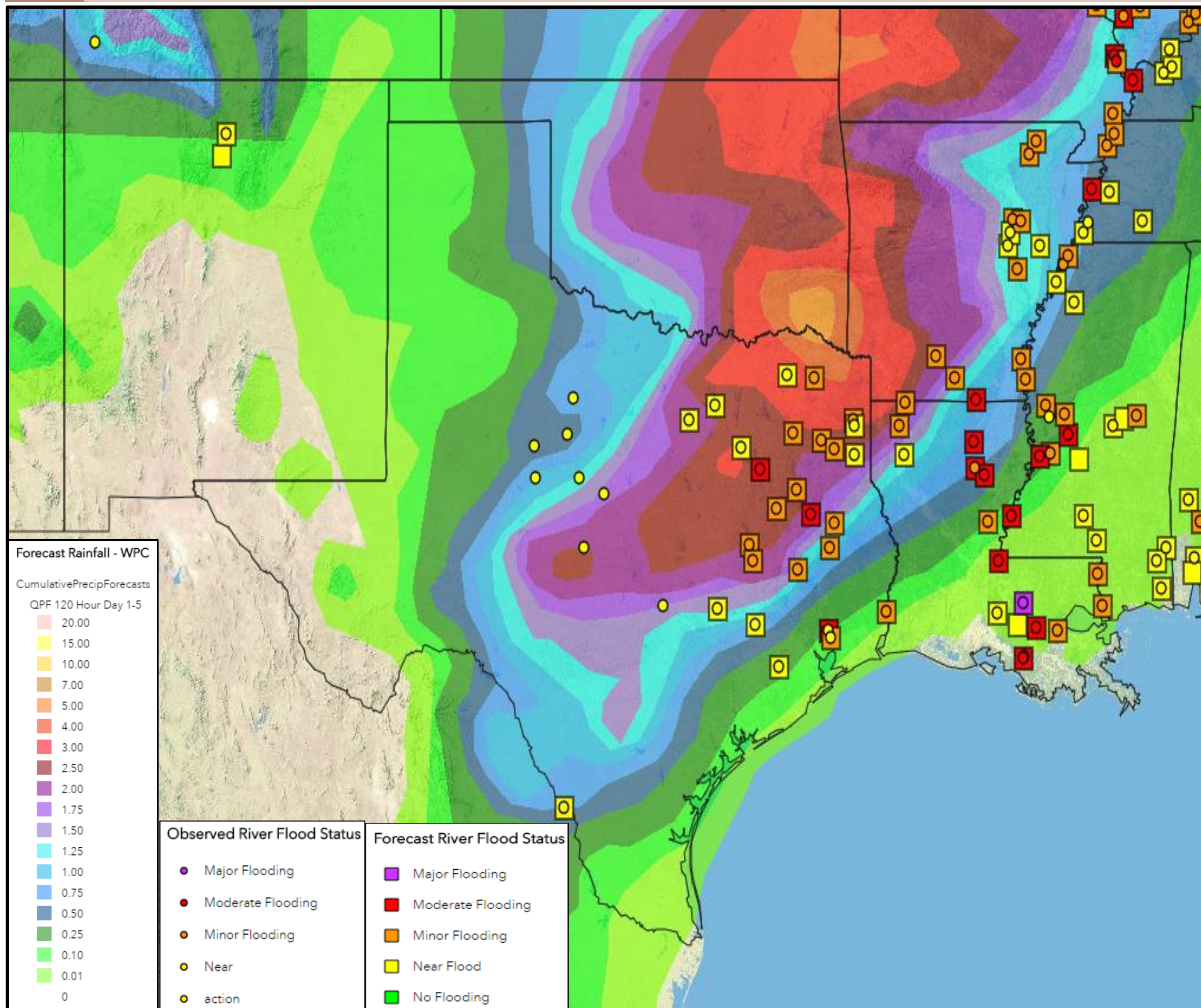
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



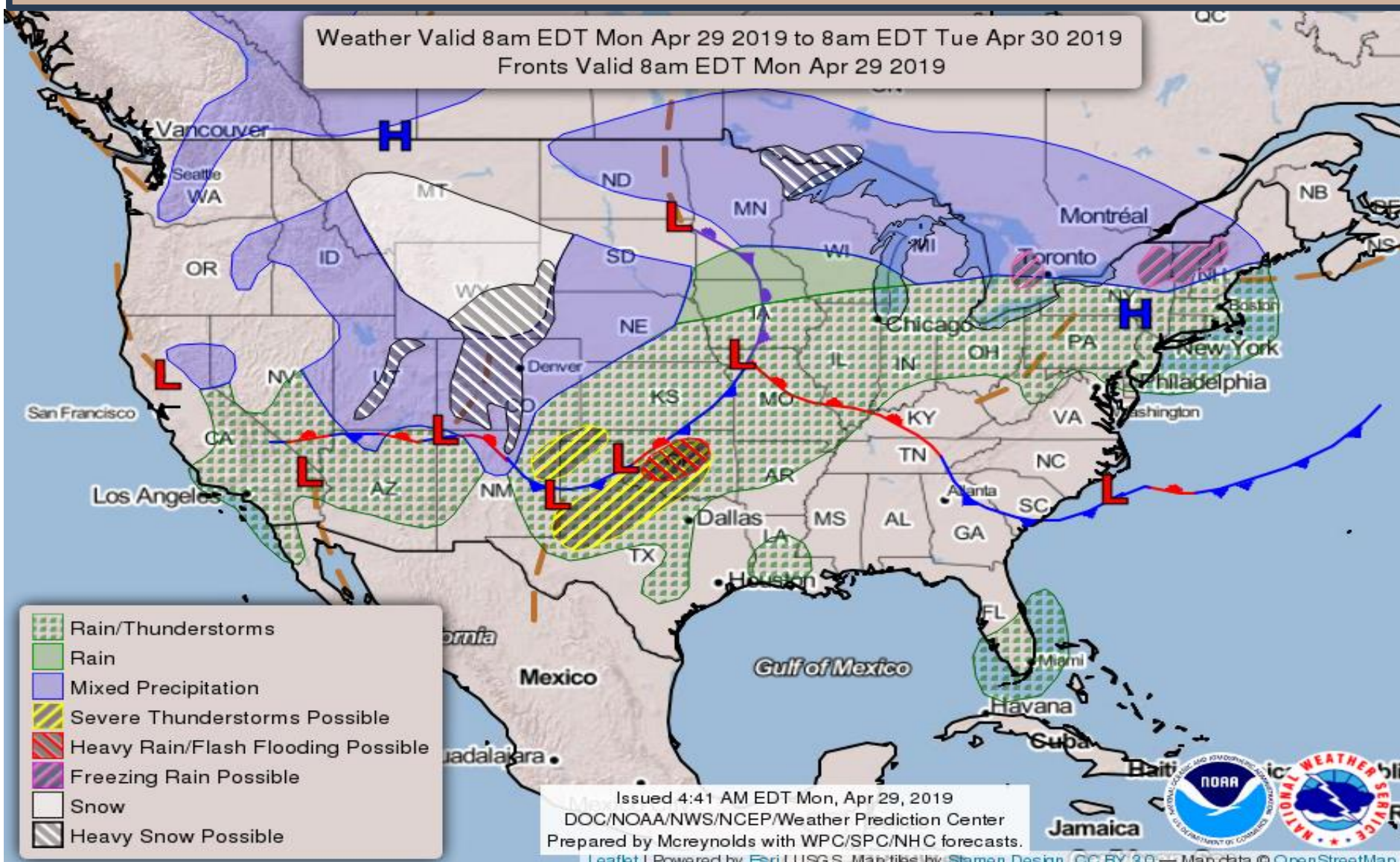
- Points along the MS River in AR and LA remain at moderate flood stage, with the point near Baton Rouge, LA remaining in major flood stage.
- Impacts are primarily to secondary roads, agriculture, and navigation. The city of Baton Rouge is protected by levees.
- Minor to moderate river flooding is occurring across E TX, AR and LA.
- No significant impacts are occurring or expected.
- Heavy rainfall is possible across portions of OK, TX, AR on Tuesday expanding into LA Wednesday and Thursday.
- This will prolong ongoing flooding and lead to additional minor to isolated moderate flooding.

Today's Weather

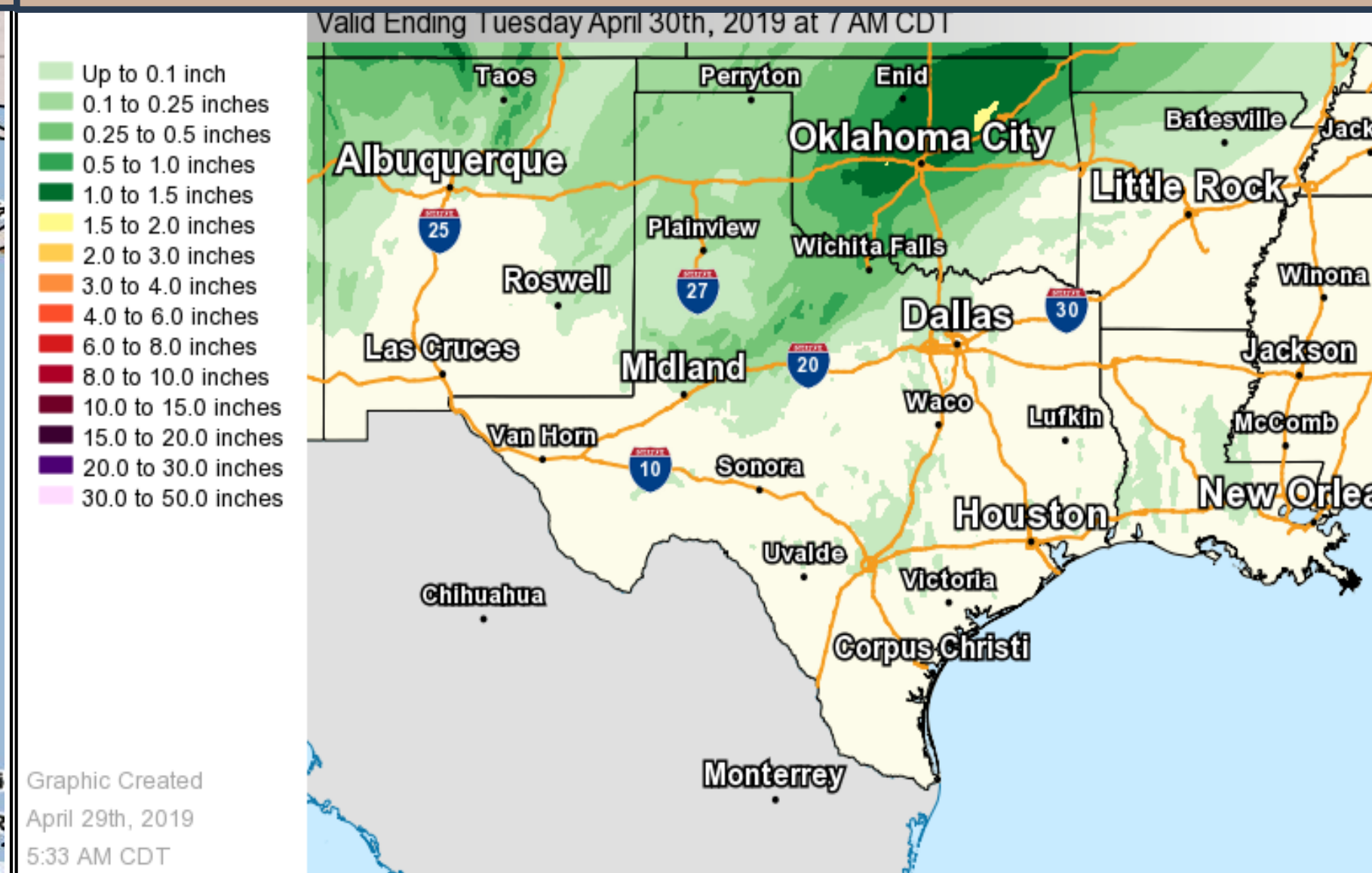


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Forecast Chart



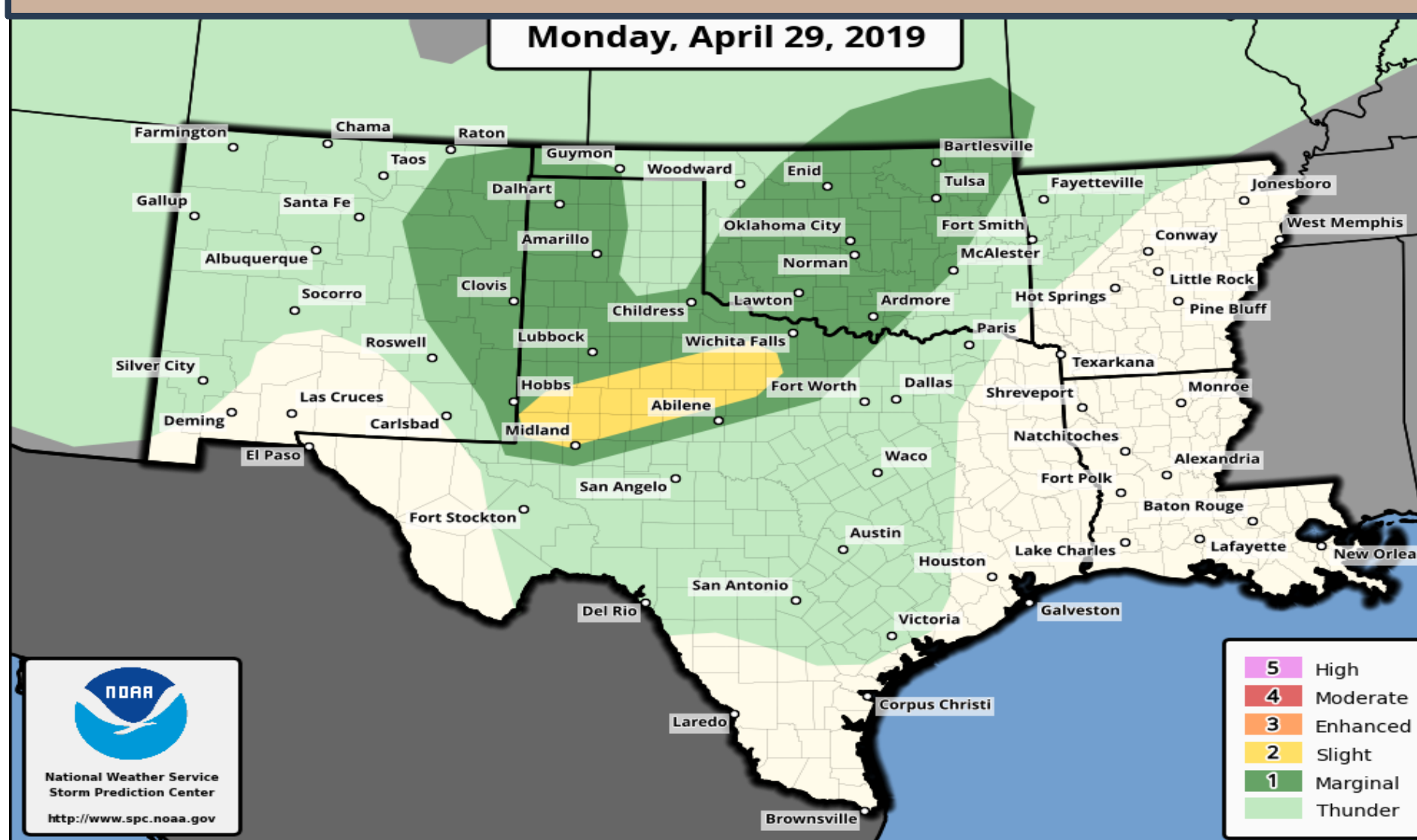
Forecast Rainfall



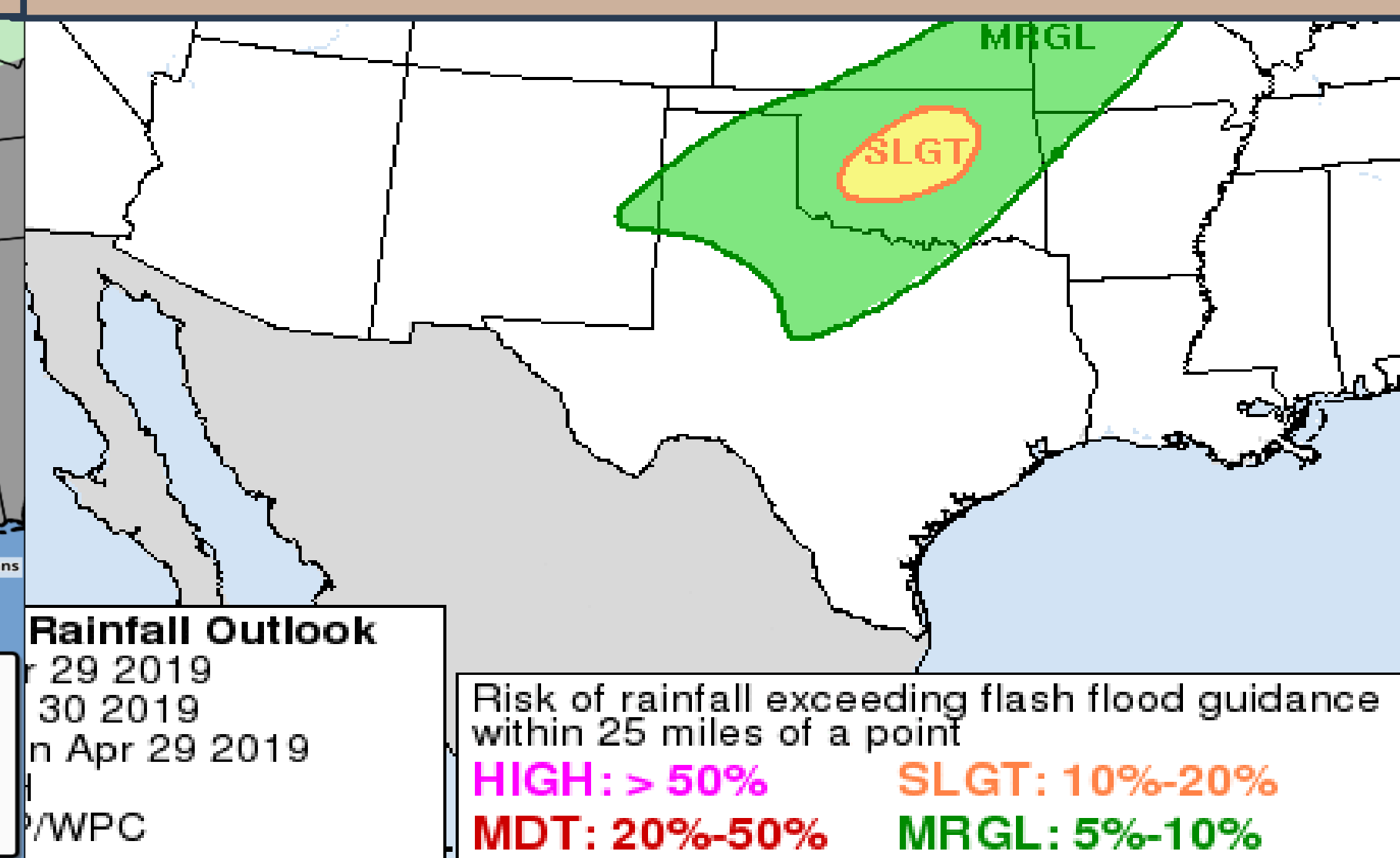
Isolated severe storms possible this afternoon & evening for portions of W&NW TX, E NM into portions of OK; Damaging winds and large hail are the main threats.

Isolated heavy rain/flash flooding possible in OK, particularly over NE OK tonight.

Severe Weather Outlook



Excessive Rainfall Outlook

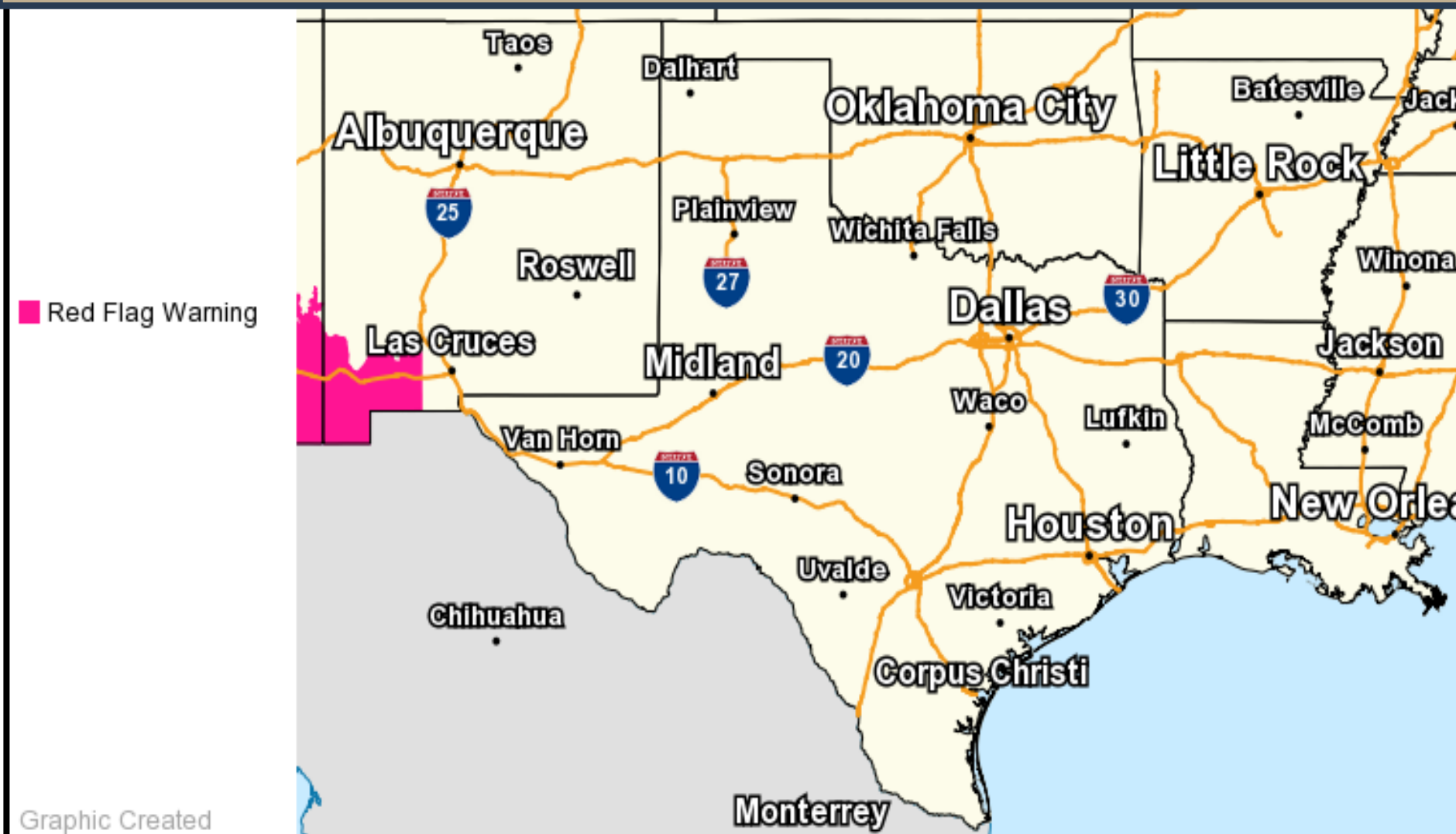


Watches, Warnings, and Advisories

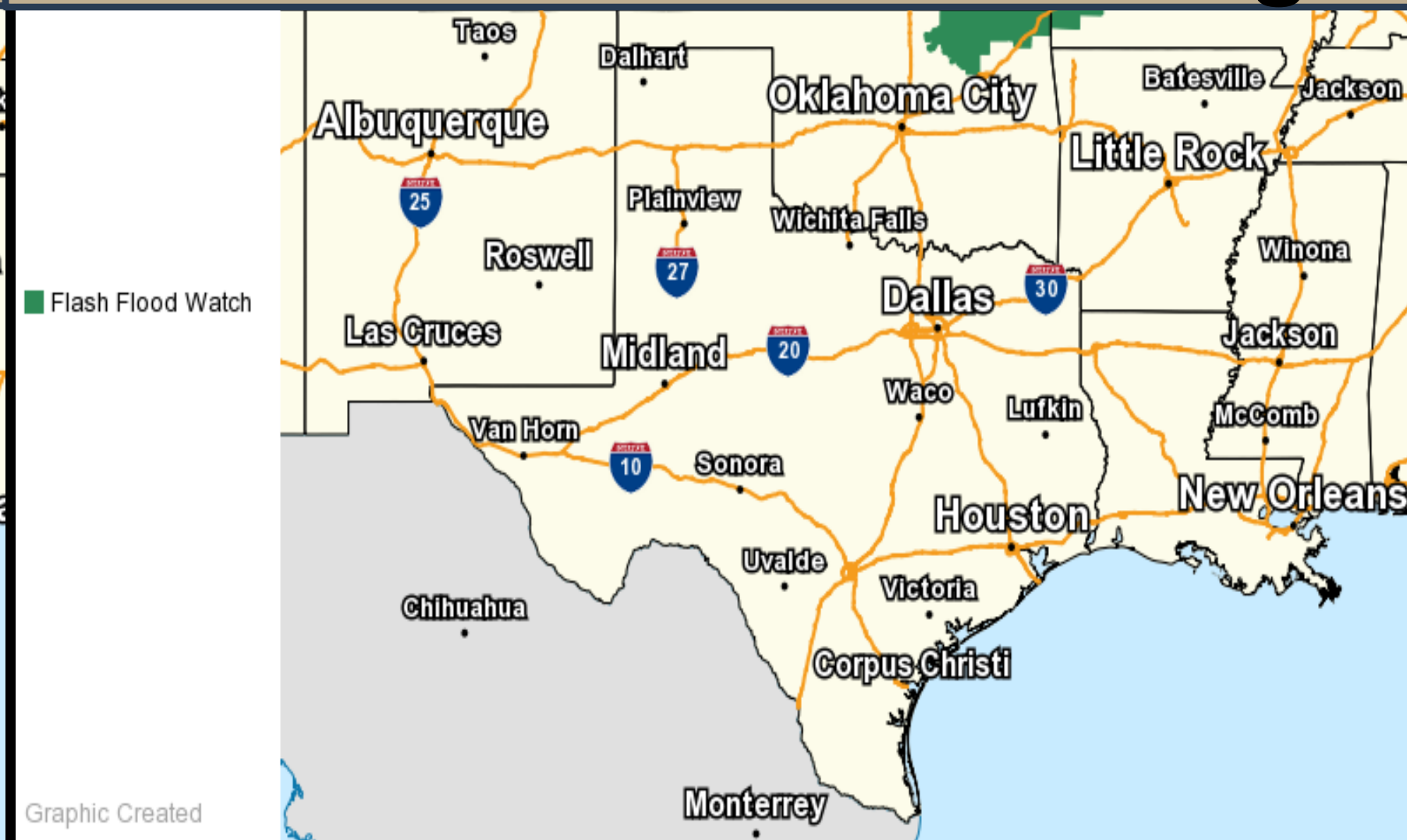


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Fire Weather

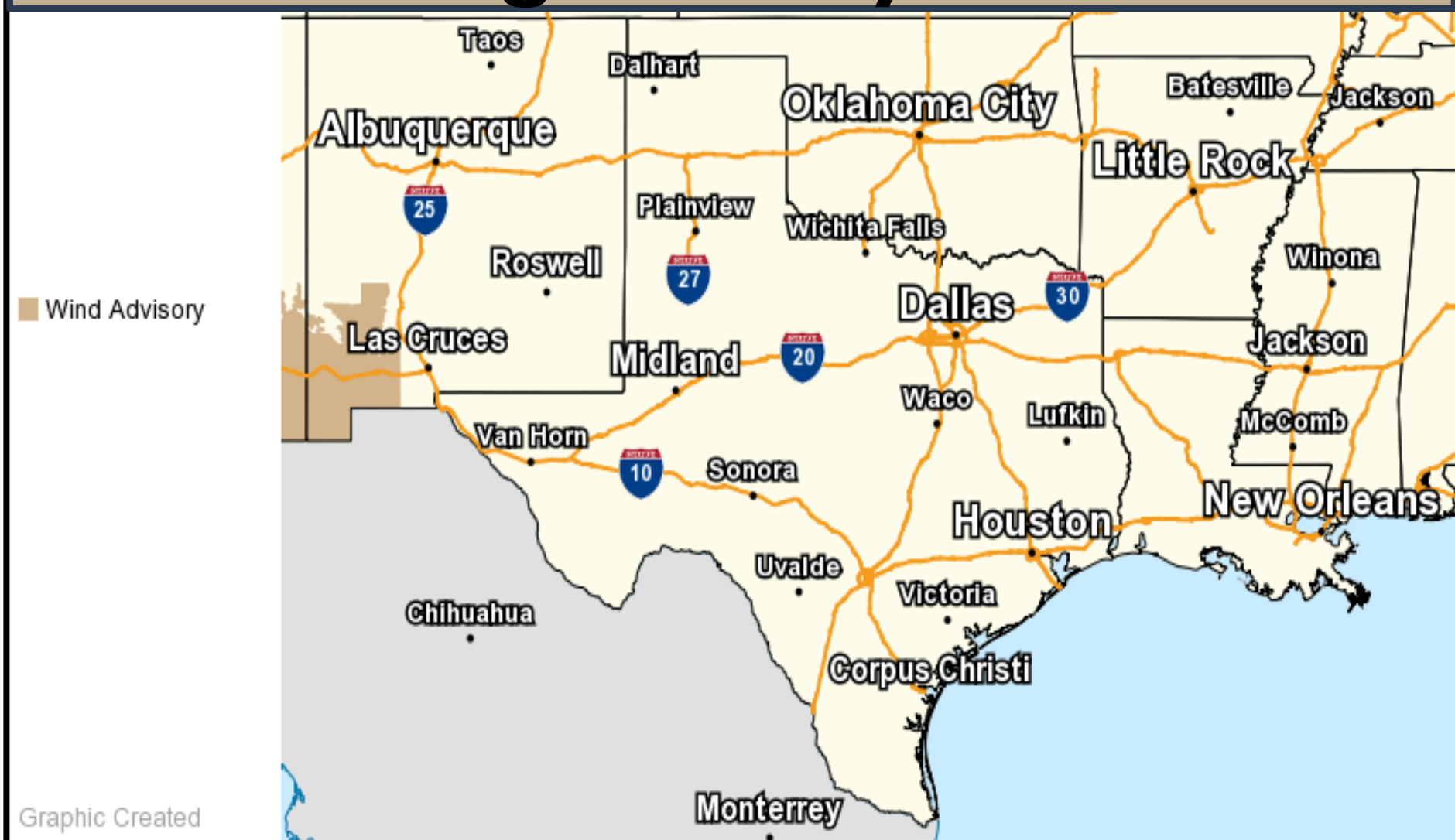


Severe Weather & Flooding



Flash Flood Watch for portion of northeast OK from late tonight through Wednesday morning.
Rain Amounts: Widespread 2-4 inches expected with locally higher amounts possible.
Impacts: Areas of flash flooding, especially near low-lying areas and smaller creeks and streams. A few main stem rivers could also rise to minor or moderate flood.

Strong & Gusty Winds



Winter Weather



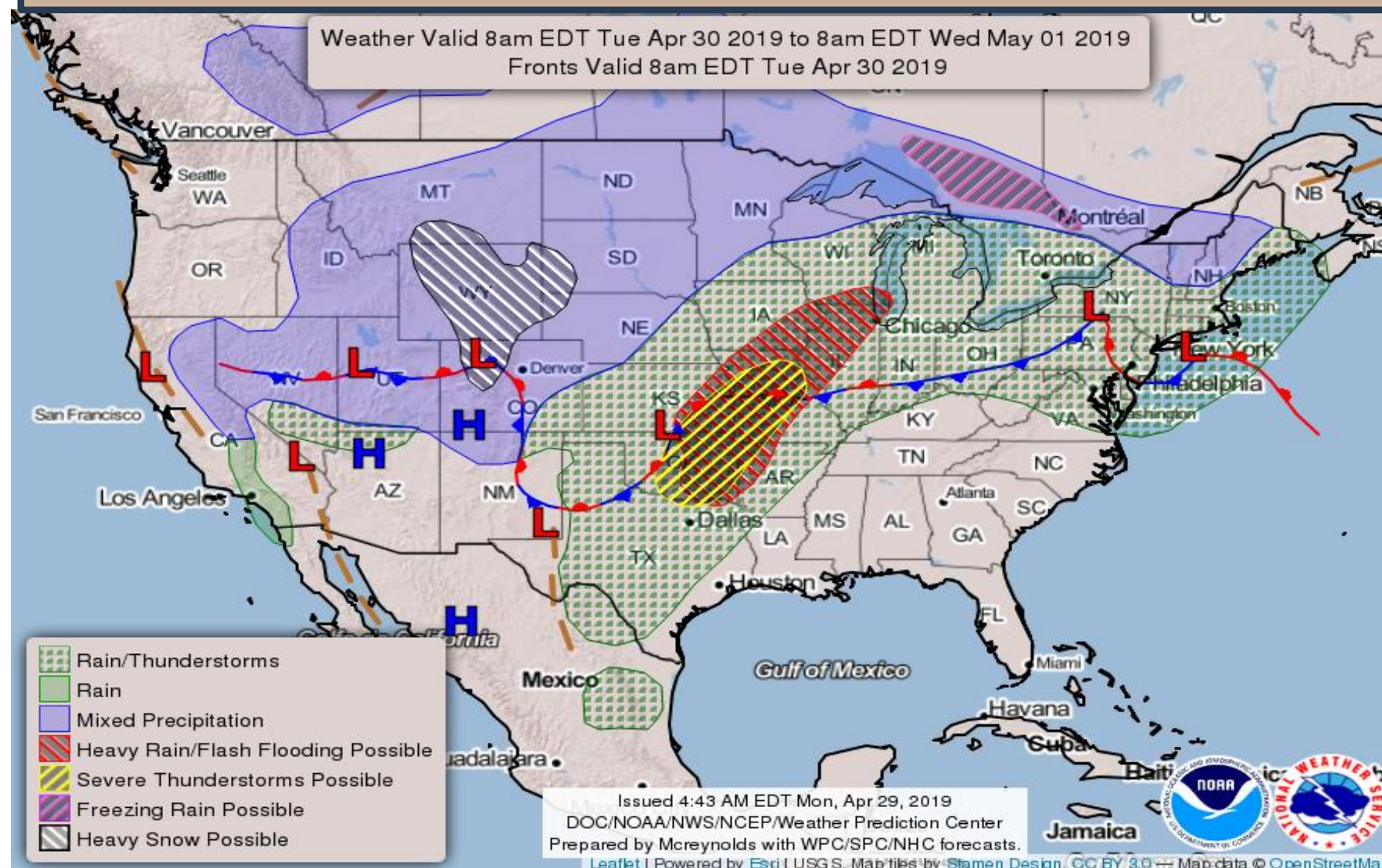
Red Flag Warning (Critical Fire Weather Conditions) and Wind Advisory from 12pm-9pm today for southwest NM.

Tomorrow's Weather

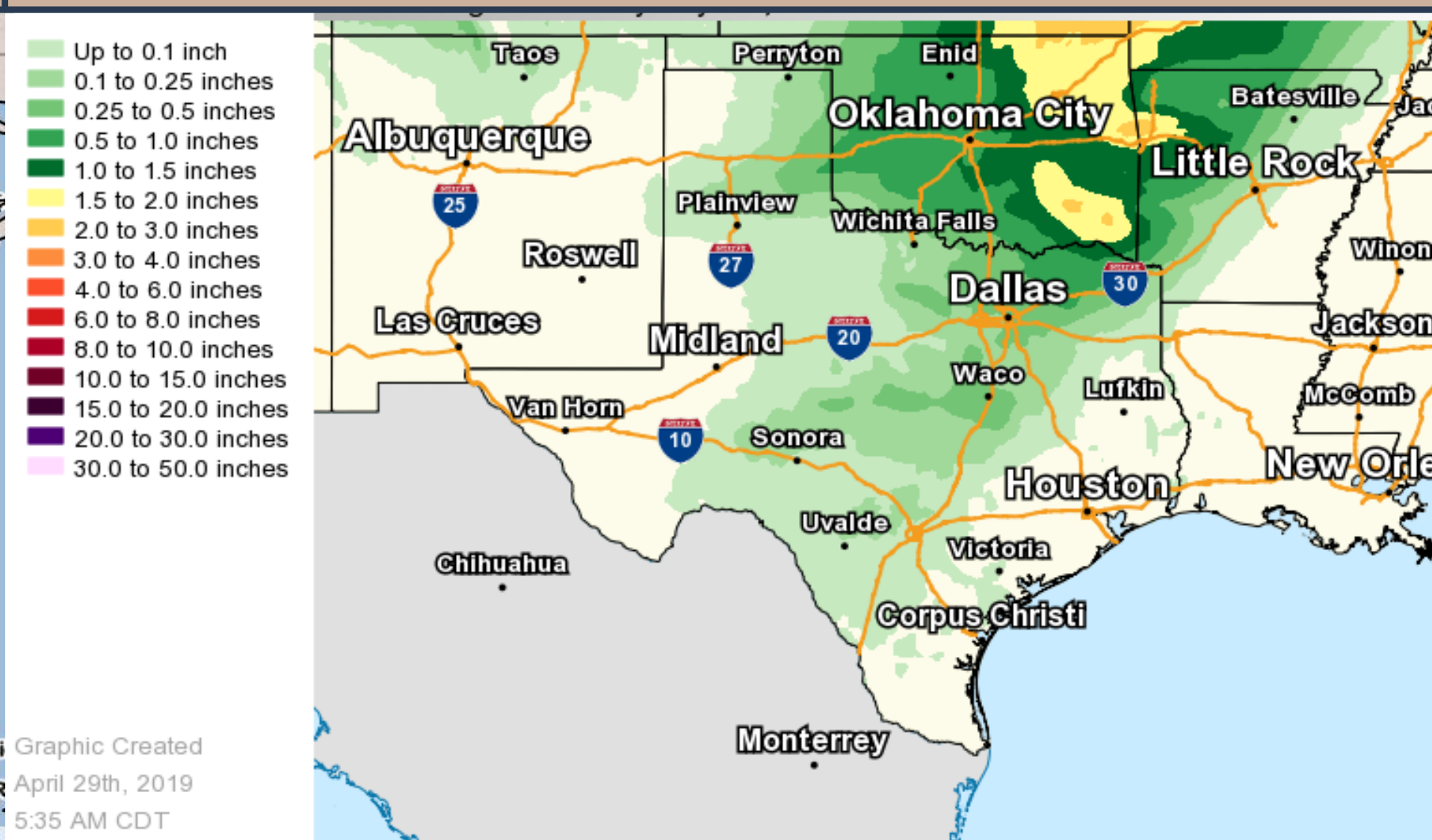


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Forecast Chart

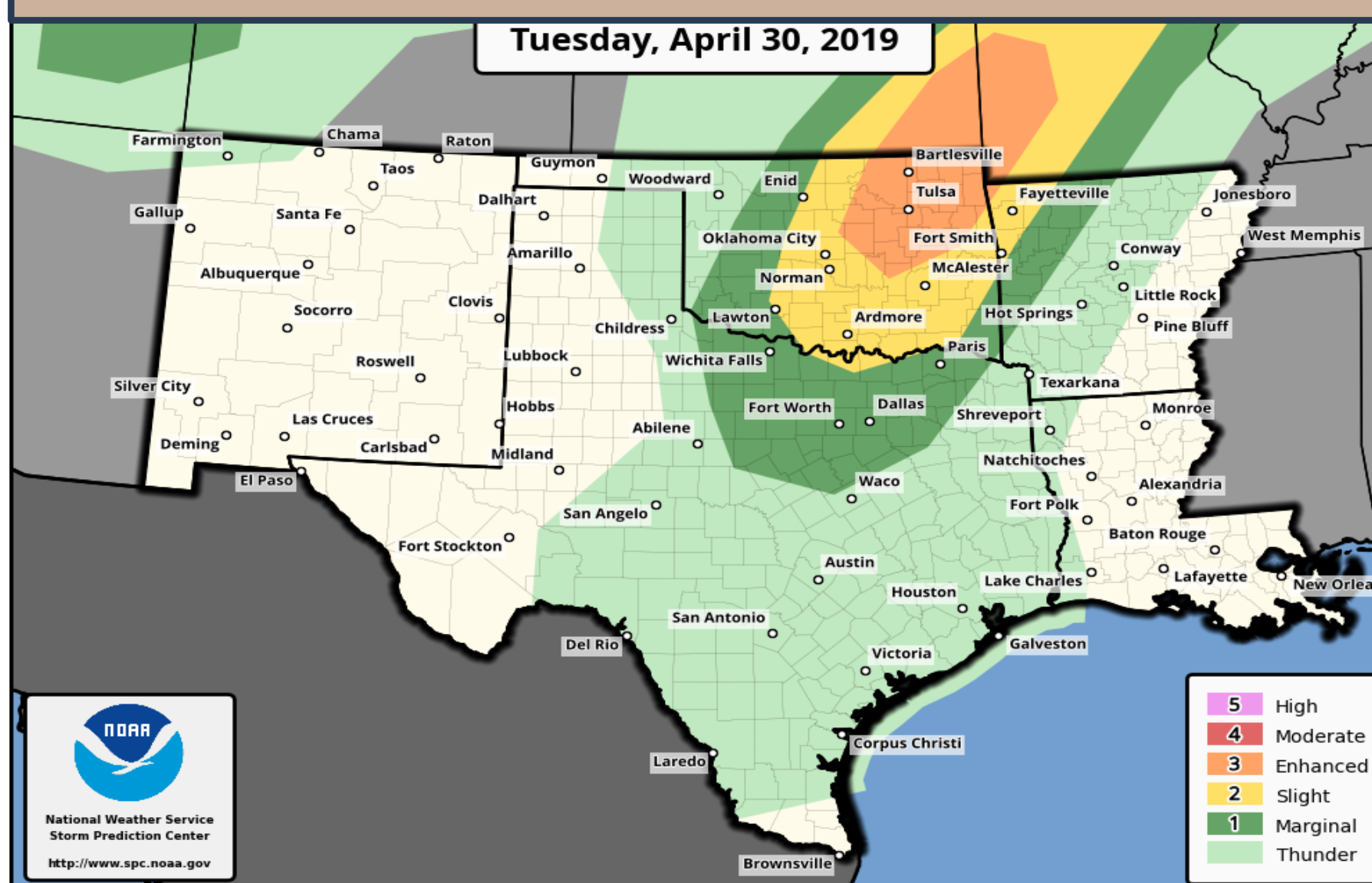


Forecast Rainfall

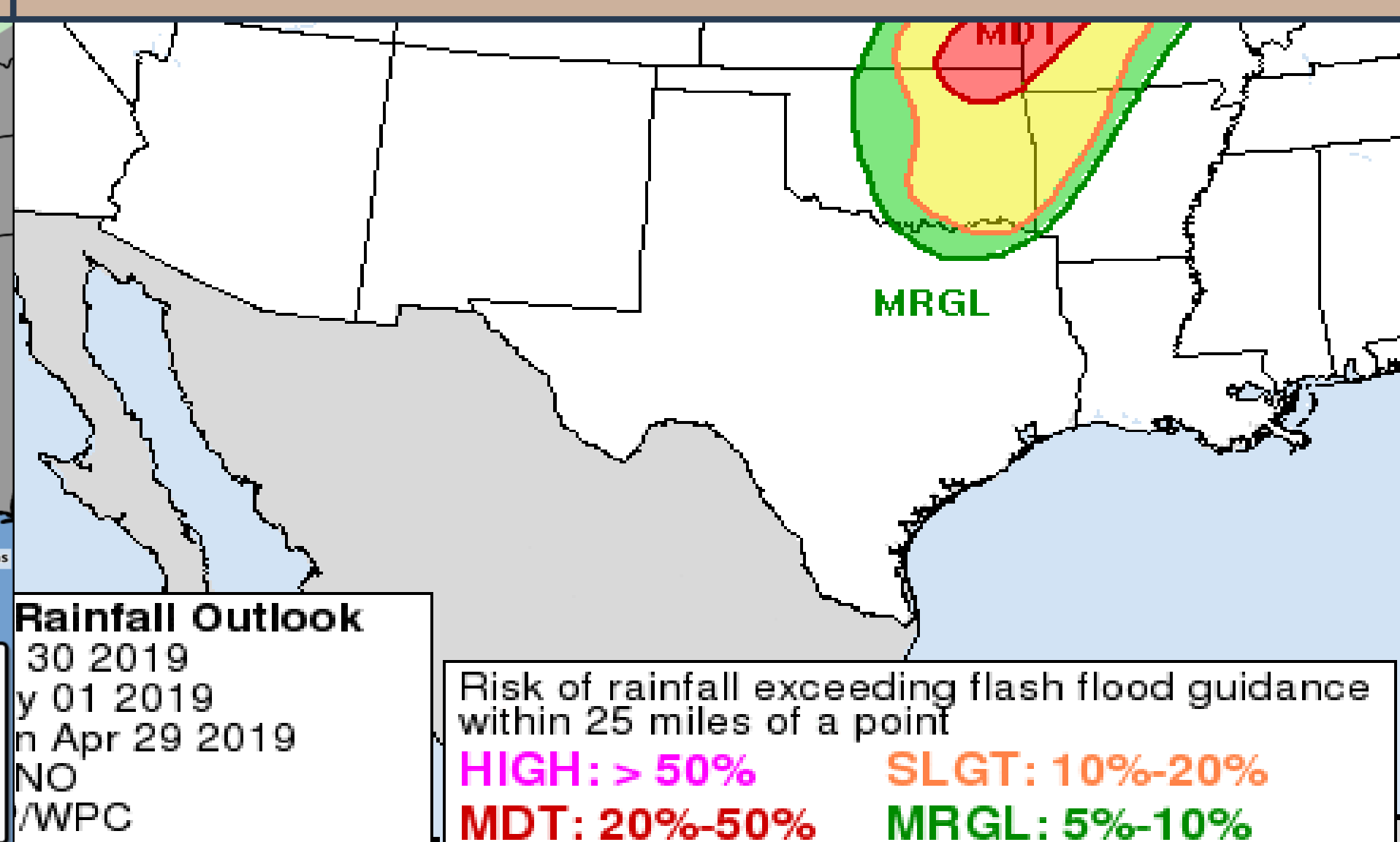


Severe storms possible across much of OK, into NW AR and NTX; Large hail and damaging winds are the main threats. The risk for a few tornadoes could increase by Tuesday evening, with a strong tornado or two possible.

Severe Weather Outlook



Excessive Rainfall Outlook



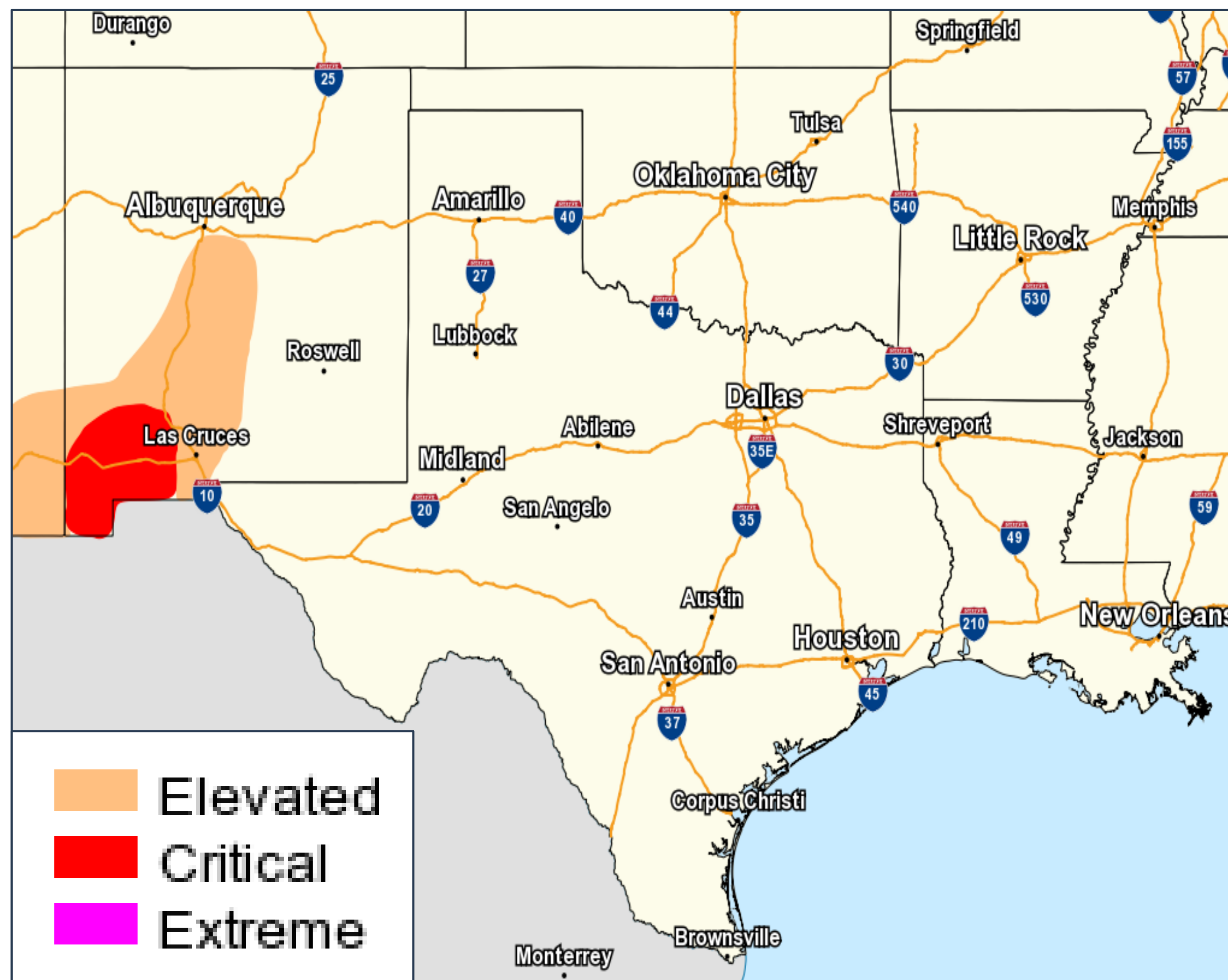
Heavy rain/flash flooding also possible for OK, NW AR, and NTX.

Fire Weather Outlooks

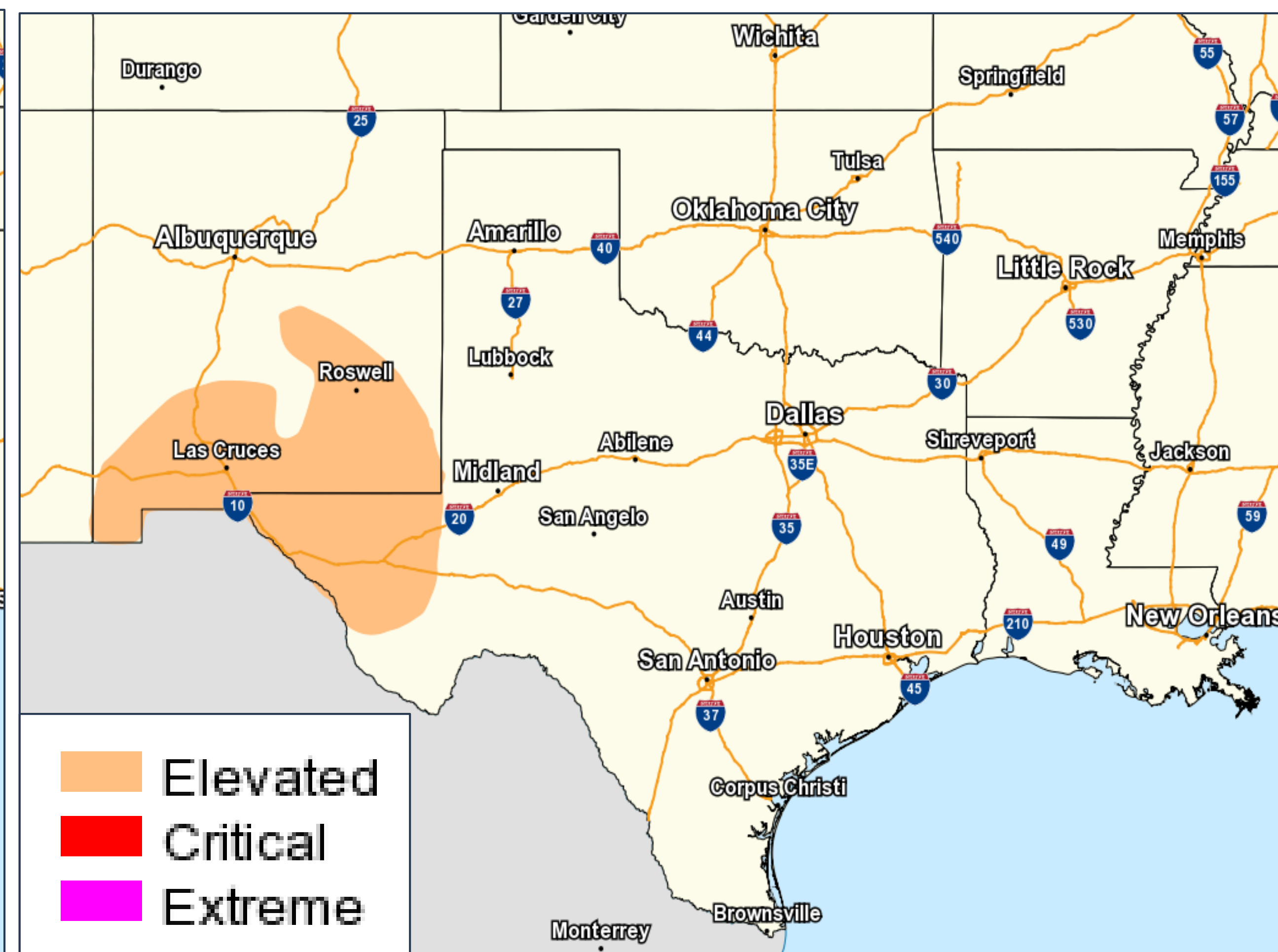


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook



Wednesday's Weather

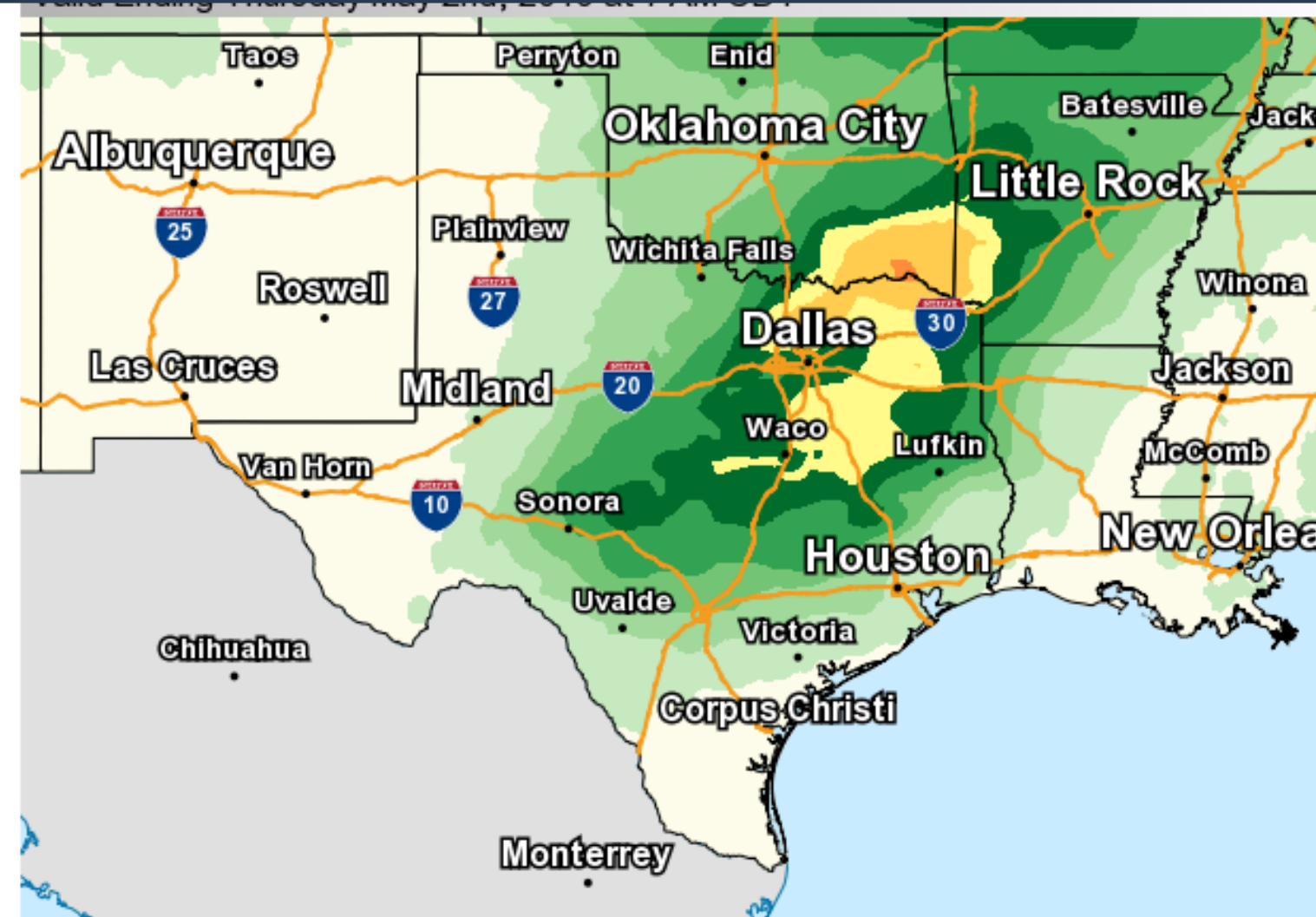
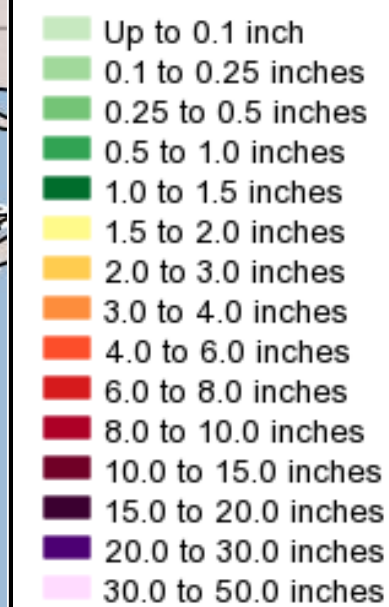
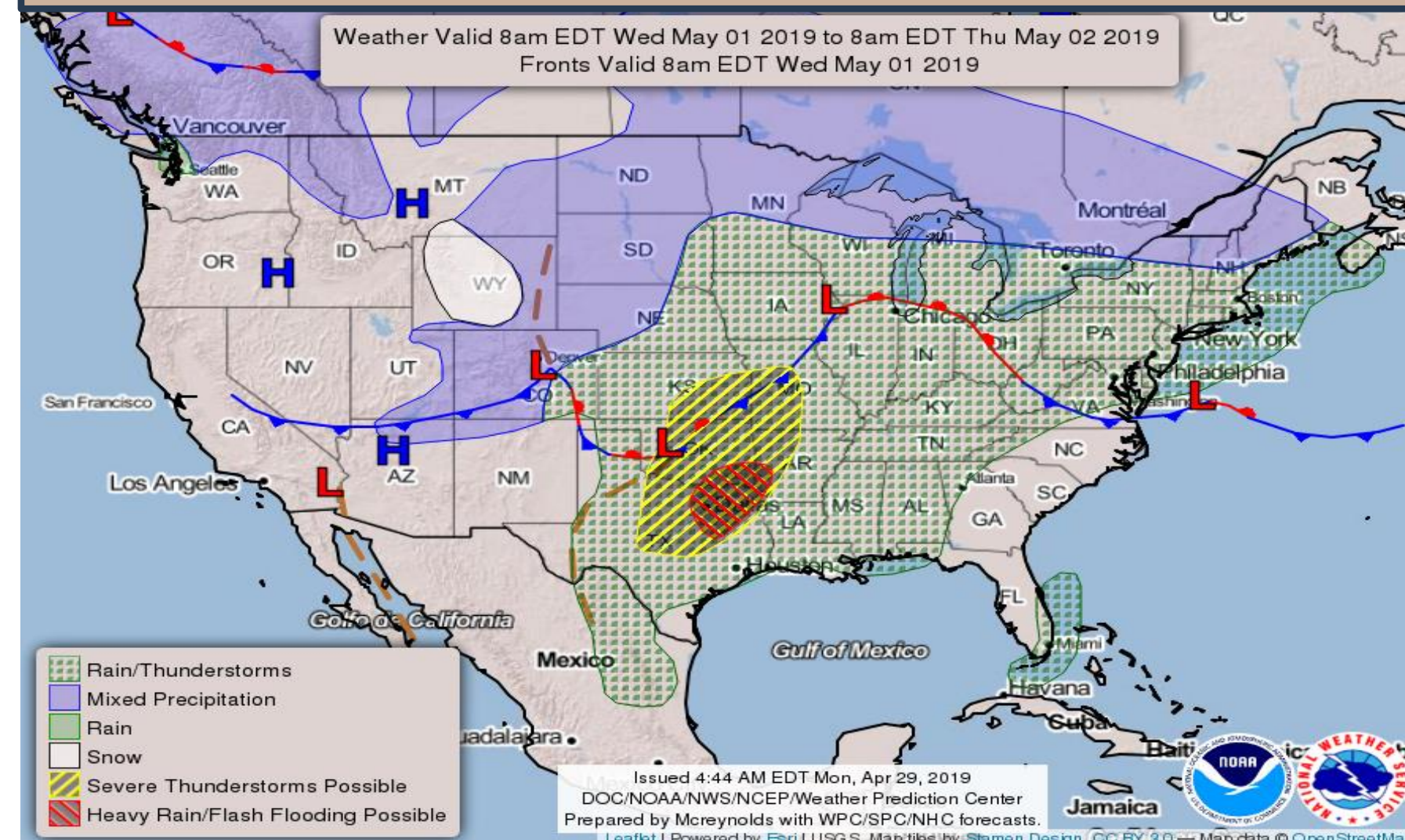


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Forecast Chart

Forecast Rainfall

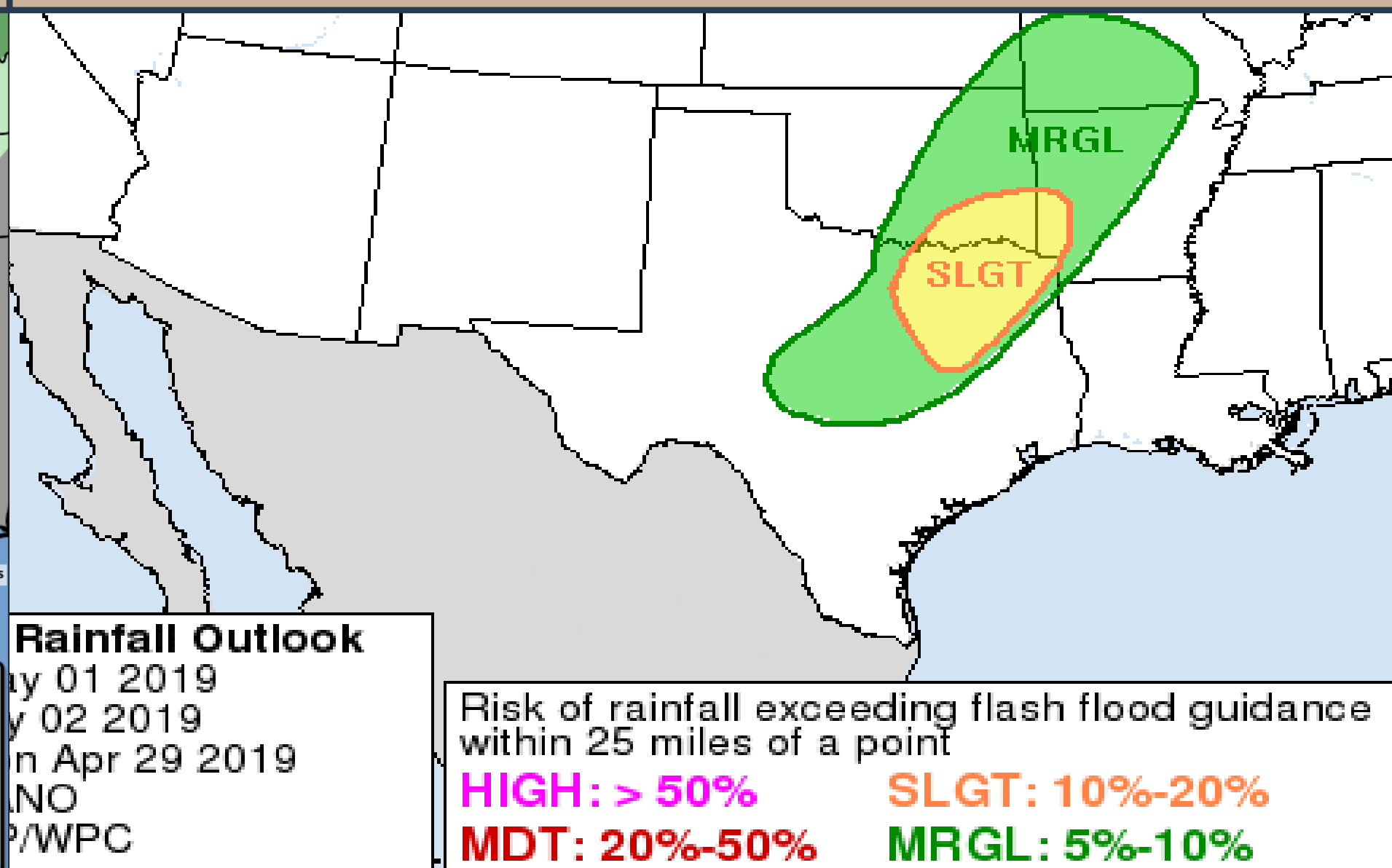
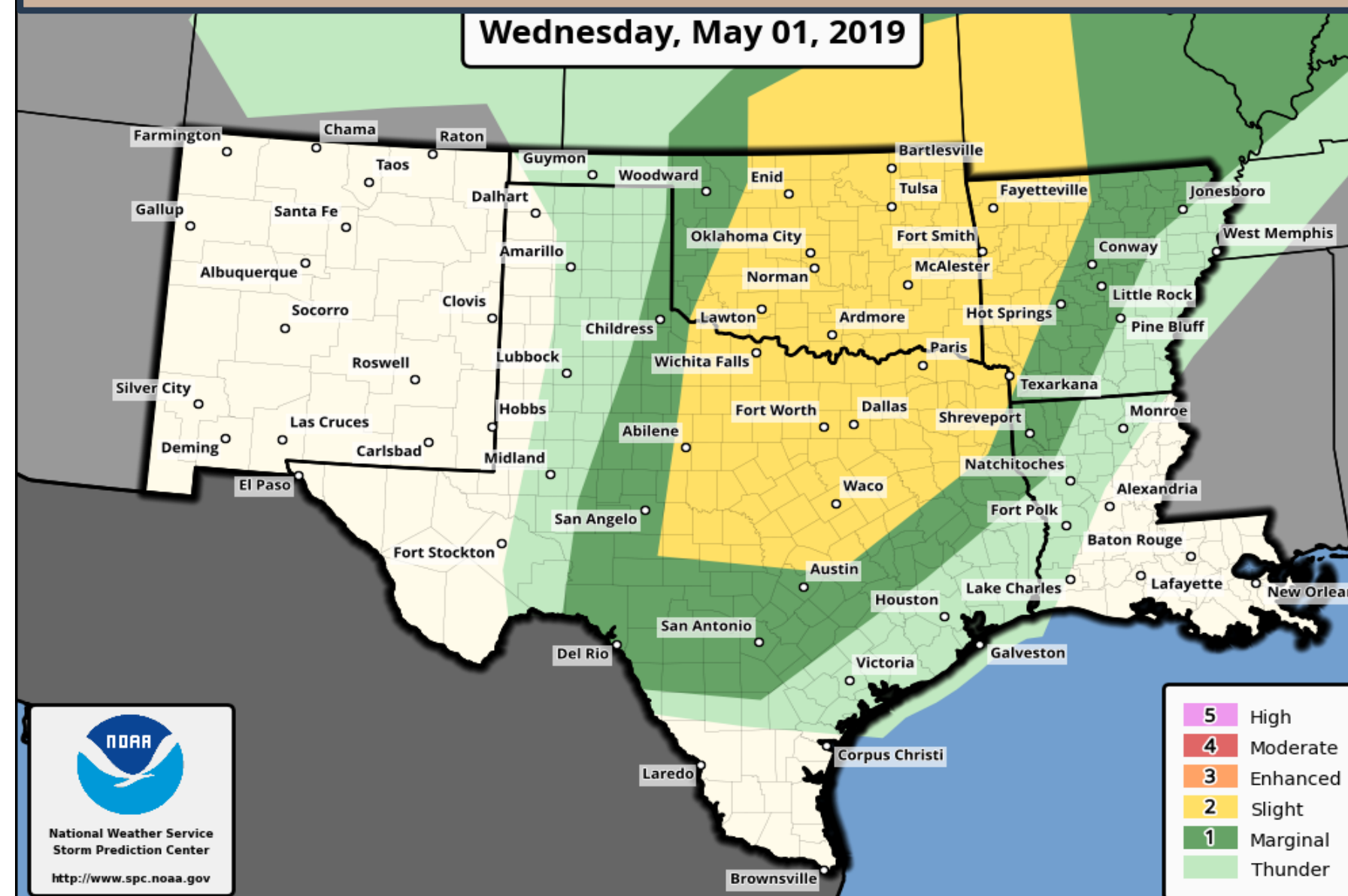
**Heavy rain/flash flooding
and severe storms
possible for OK & TX
into W AR.**



Graphic Created
April 29th, 2019

Severe Weather Outlook

Excessive Rainfall Outlook

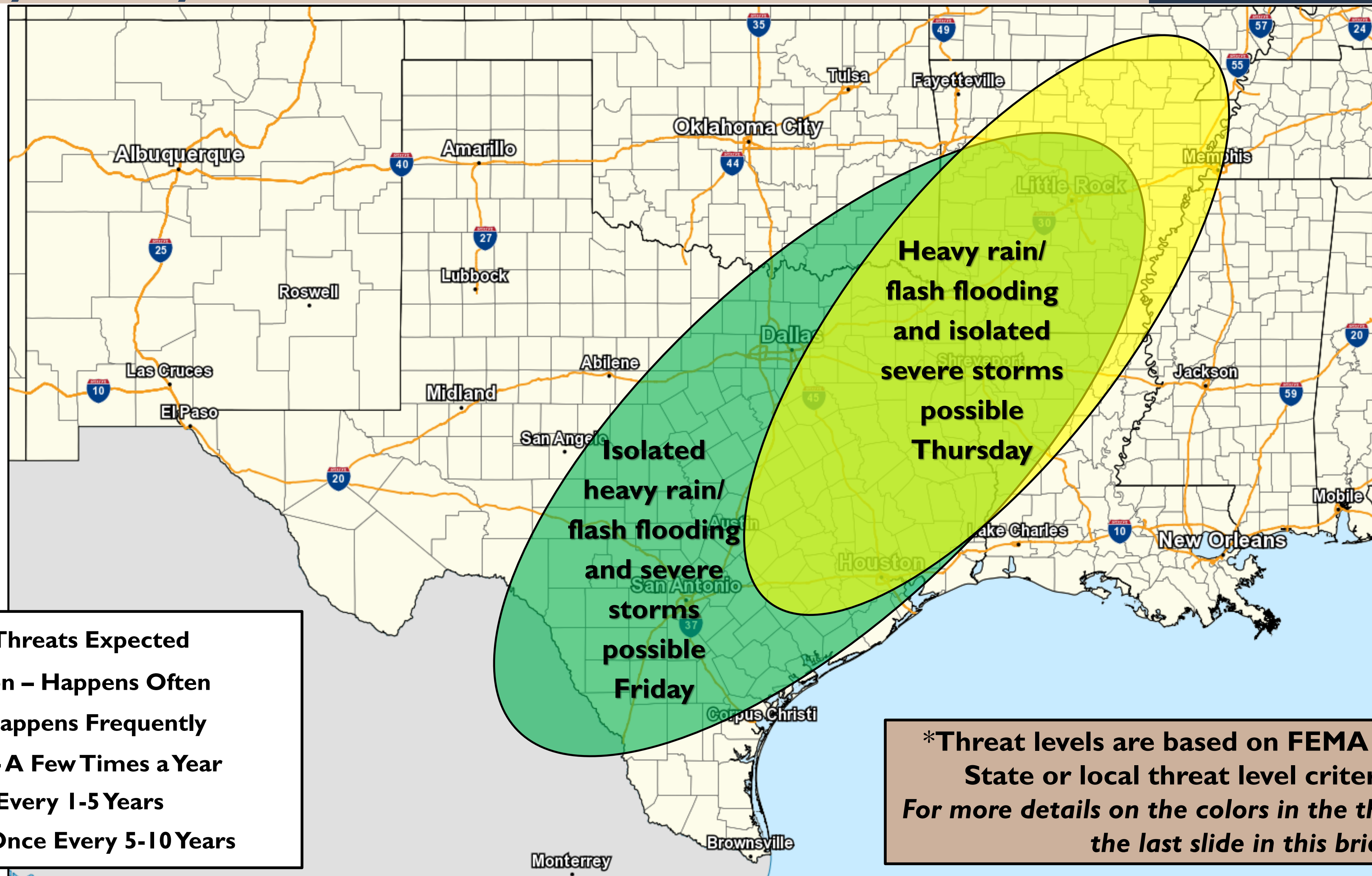


Days 4-5 Weather Hazards

Thursday - Friday



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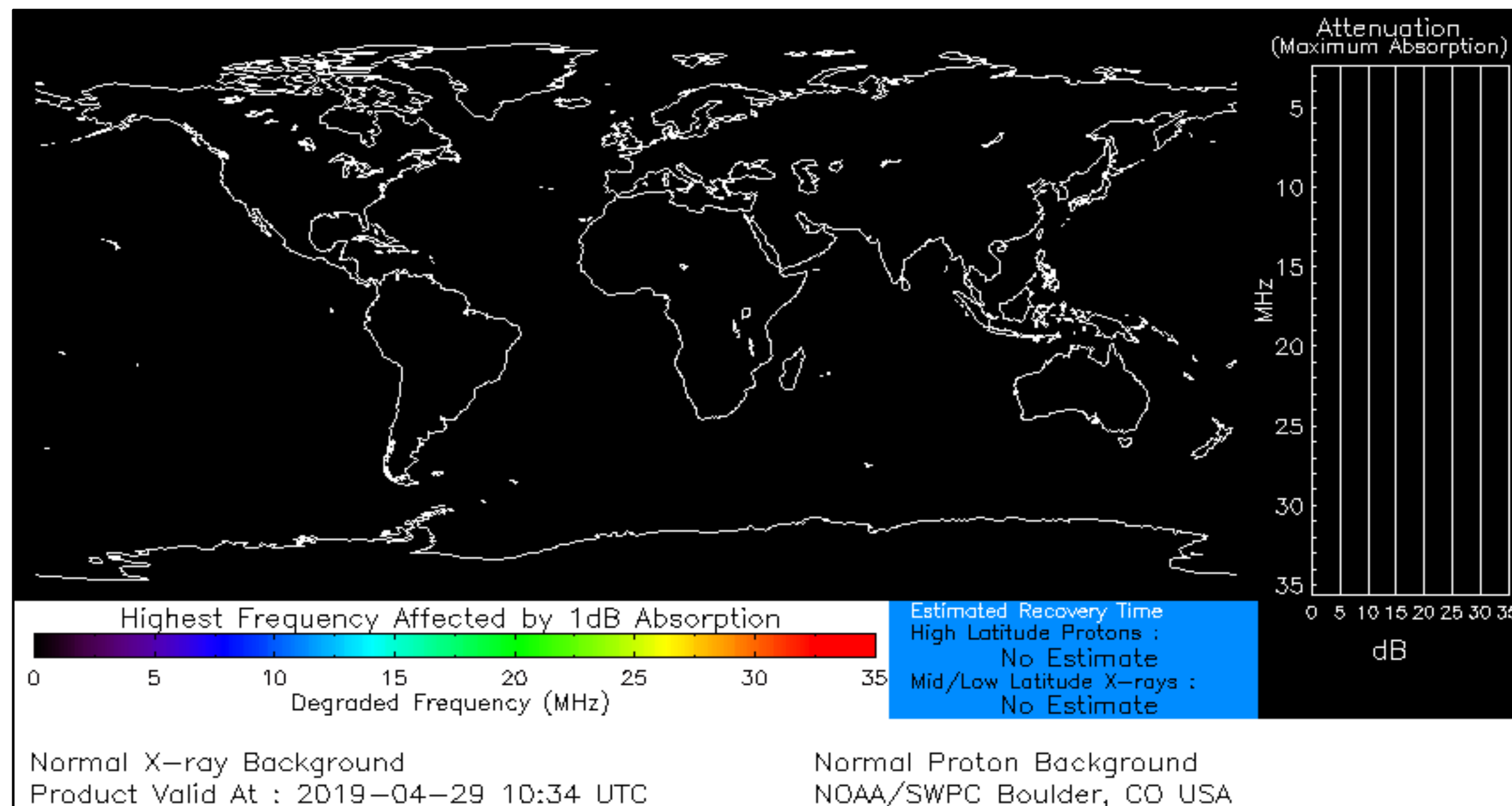


Space Weather 3-Day Forecast



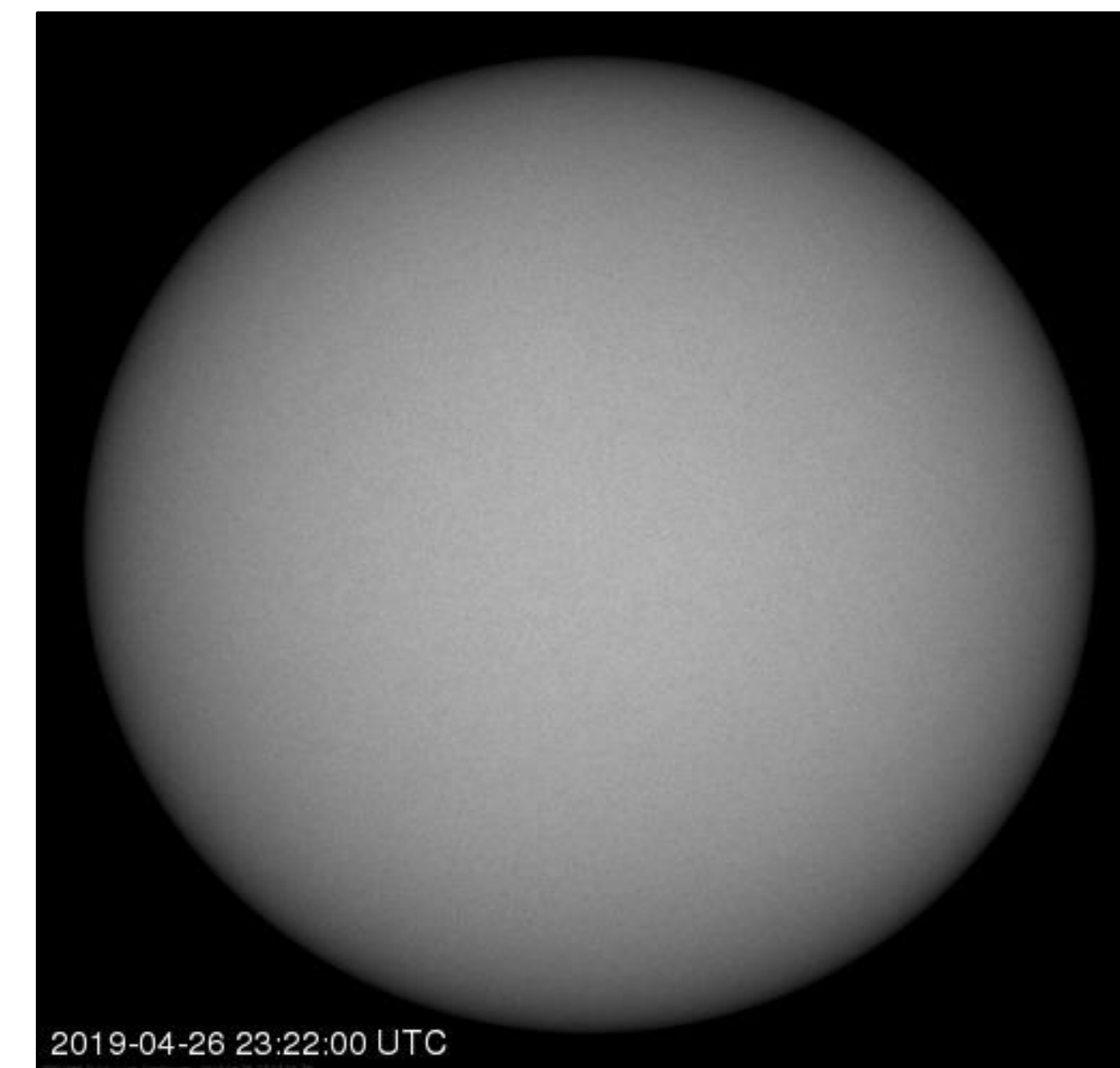
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

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E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov